

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



PCT

(43) International Publication Date
26 May 2005 (26.05.2005)

(10) International Publication Number
WO 2005/046594 A3

(51) International Patent Classification⁷: A61K 31/4035, 31/52, 31/522, 38/19, 48/00

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CI, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PI, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TI, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/US2004/037084

(22) International Filing Date:
4 November 2004 (04.11.2004)

(25) Filing Language: English

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SI, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(26) Publication Language: English

(30) Priority Data:
60/518,601 6 November 2003 (06.11.2003) US

(71) Applicant (for all designated States except US): CEL-GENE CORPORATION [US/US]; 7 Powder Horn Drive, Warren, NJ 07059 (US).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(72) Inventor; and

(75) Inventor/Applicant (for US only): ZELDIS, Jerome, B. [US/US]; 157 Christopher Drive, Princeton, NJ 08540 (US).

(88) Date of publication of the international search report:
22 September 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(74) Agents: INSOGNA, Anthony, M. et al.: Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

(54) Title: METHODS OF USING AND COMPOSITIONS COMPRISING A JNK INHIBITOR FOR THE TREATMENT AND MANAGEMENT OF ASBESTOS-RELATED DISEASES AND DISORDERS

(57) Abstract: Methods for treating, preventing and/or managing an asbestos-related disease or disorder are disclosed. Specific embodiments encompass the administration of a JNK Inhibitor, or a pharmaceutically acceptable salt, solvate, hydrate, stereoisomer, clathrate, or prodrug thereof, alone or in combination with a second active agent and/or chemotherapy, surgery, or radiation therapy. Pharmaceutical compositions, single unit dosage forms, and kits suitable for use in the methods of the invention are also disclosed.

WO 2005/046594 A3

BEST AVAILABLE COPY